SONY

2-696-042-12 (1)

Mobile Monitor

Operating Instructions US

Mode d'emploi FR

Owner's Record

The model and serial numbers are located on the bottom of the unit.
Record the serial number in the space provided below.
Refer to these numbers whenever you call upon your Sony dealer regarding this product.

Model No. XVM-B62 Serial No. _____

XVM-B62

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Warning

Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance (www.eiae.org).

Warning if your car's ignition has no ACC position

After turning the ignition off, be sure to press (POWER) to turn off the unit.
Otherwise, the display does not turn off and this causes battery drain.

Welcome!

Thank you for purchasing the Sony Mobile Monitor.

- PAL or NTSC color system compatible
- Wide, Zoom, and Full screen modes available, in addition to the normal screen mode.
- The low reflection liquid crystal panel reduces the glare from outside lighting sources.
- Adjustable brightness control, according to lighting conditions
- Backlight dimmer control produces sharp contrast image, free from reversed or blurred colors.
- 2 Video inputs are provided for connecting a video player and video game.

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Precautions

To avoid the risk of serious injury or accident, read the following precautions before installing and operating the unit.

On safety

Comply with your local traffic rules and regulations.

- While driving, the driver must not watch or operate the monitor. It may lead to distraction and cause an accident.
  Park the car in a safe place when the driver watch and operate the monitor.

Watching video pictures

DRIVE MODE

The video pictures appear only after you park the car and set the parking brake.
When the car starts moving, the video pictures automatically disappear after displaying the following caution.

Do not operate equipment connected to the monitor or watch the monitor while driving.

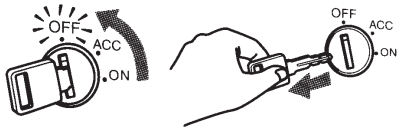
The caution above appears only when the monitor is installed on the dashboard.

- After installing
  - Take care not to bump your head against the unit when getting up from the back seat.
  - Do not leave the monitor under direct sunlight for a long period of time.

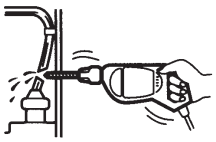
On installation

- Installing this unit requires technical expertise.
  This unit should be installed by a qualified technician or service personnel.

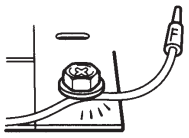
- If you try to install this unit by yourself, do it properly, referring to the installation and wiring diagrams in this operating manual. Improper installation may result in fire or electric shock.
- Before installation, be sure to turn the ignition switch to the OFF position or take the key out. Installing this unit with the ignition on may cause battery drain or a short circuit.



- Do not damage any pipes, tubes, the fuel tank or electric wiring when installing this unit. This can cause a fire. If you drill a hole in car panels, make sure that any hidden car parts will not be damaged.



- Do not use any nuts or bolts for safety devices such as steering linkage, fuel supply or braking systems. This can cause a fire or an accident.



- Take care to prevent cords and wires from getting tangled or crimped in the moving portion of a seat rail.

Where to install

Before installing this unit, please check your local traffic rules and regulations.

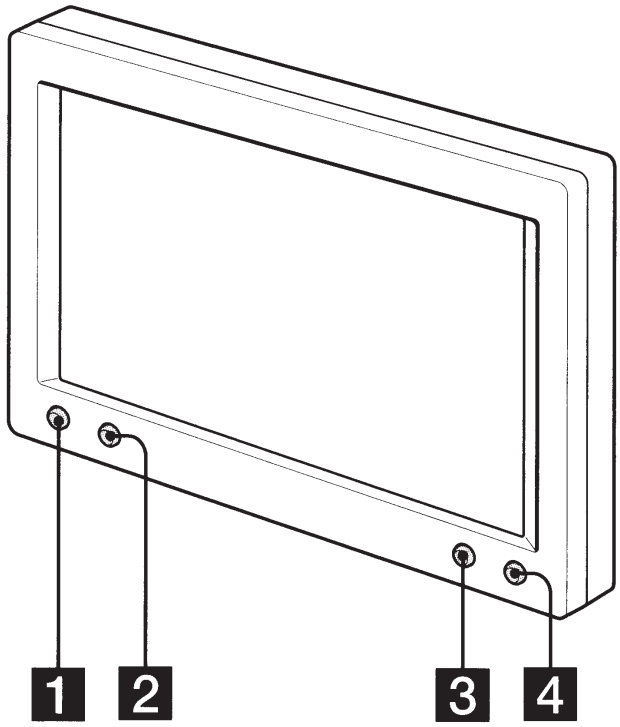
Do not install this unit where:

- It will obstruct the driver's view.
- It will obstruct the operation of the airbag system.
- It will obstruct the operation of the vehicle, especially the steering wheel, shift lever, or brake pedal.
- A driver or passengers may injure themselves when getting into or out of the car.

If you have any questions or problems concerning your unit that are not covered in this manual, please consult your nearest Sony dealer.

Location of controls

Monitor



1 INPUT/− button
Press to select the desired input source, VIDEO 1 or VIDEO 2.

2 DIMMER/+ button
Press to select the dimmer On/Off.

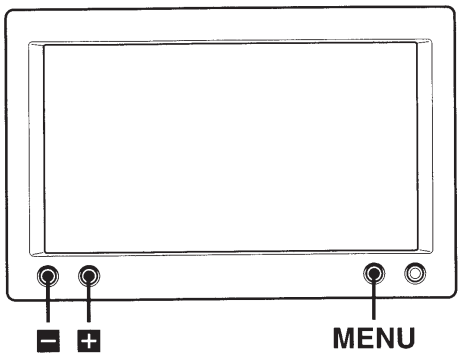
3 MENU button

4 POWER button

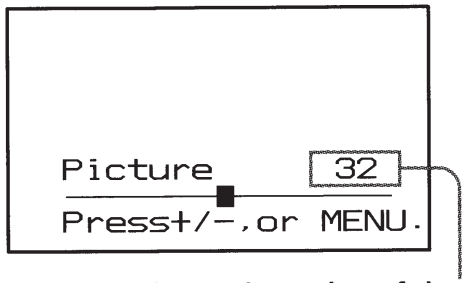
Operation

Changing the menu settings

You can adjust the display settings manually.



1 Press MENU.
The "Picture" screen appears.



The setting value of the item selected appears in this area.

Each time you press MENU, the setting screen changes in the following sequence:

Picture → Brightness → Color → Hue* → Video Adjust → Mode → Blue Back → Select NTSC or PAL System → Menu Off

* *Appears only when the NTSC color system is selected.*

2 Press + or − to adjust to the desired setting.
See the following for the setting options.

The default settings are underlined.

Picture
Settable range: 0 to 63 (default setting is "36")
Adjusting the contrast.

Brightness
Settable range: 0 to 63 (default setting is "30")
Adjusting the brightness.

Color
Settable range: 0 to 63 (default setting is "34")
Adjusting the color.

Hue
Adjust this if the picture is reddish or greenish. The default setting is "CTR (center)".
"Hue" is displayed for NTSC system only.

Video Adjust
Resetting the picture, brightness and colour setting at single operation.

Note
Input channel, color system for the input video signal (PAL/NTSC), screen mode, and blue background setting will not be reset when you reset the adjustments.

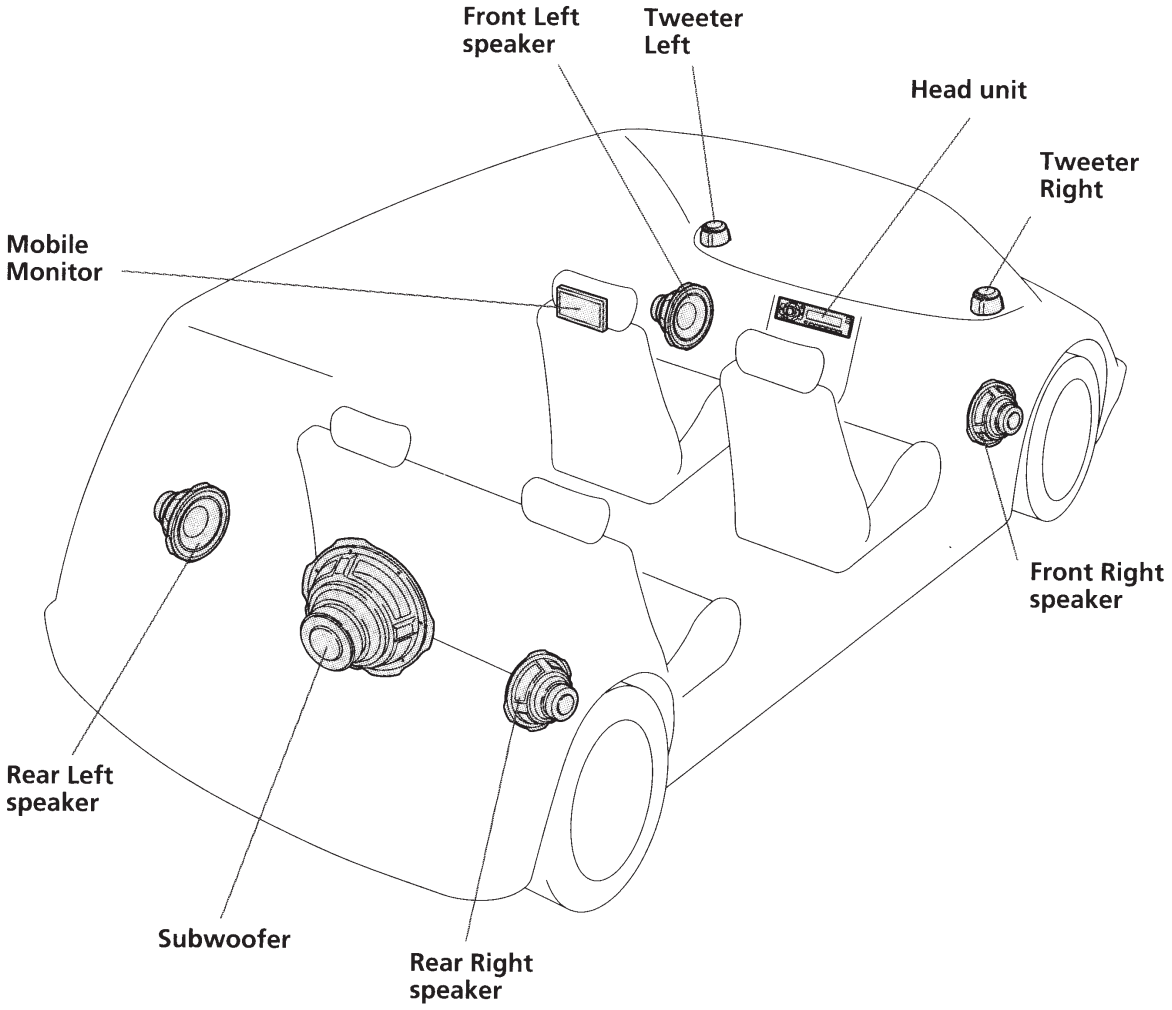
Mode
Full, Normal, Wide, Zoom
Setting the screen mode.
Full: An image with an aspect ratio of 4 to 3 enlarged to the left and right edges of the screen (regular image).
Normal: An image with an aspect ratio of 4 to 3.
Wide: An image with an aspect ratio of 4 to 3, with only the left and right sides of the image being enlarged to fill the screen.
Zoom: An image with an aspect ratio of 4 to 3 enlarged to the left and right edges of the screen, with the overflowing parts (top and bottom) cut off to fill the screen.

Blue Back
On, Off
Setting the blue background screen.

Select NTSC or PAL System
NTSC, PAL
Usually it is not necessary to change this setting because this unit automatically determines the color system depending on the signal type. Select either NTSC or PAL depending on the system of your local area when the picture is distorted.

Installation diagram

Refer to the installation diagram and ask a qualified technician for the installation of the unit.



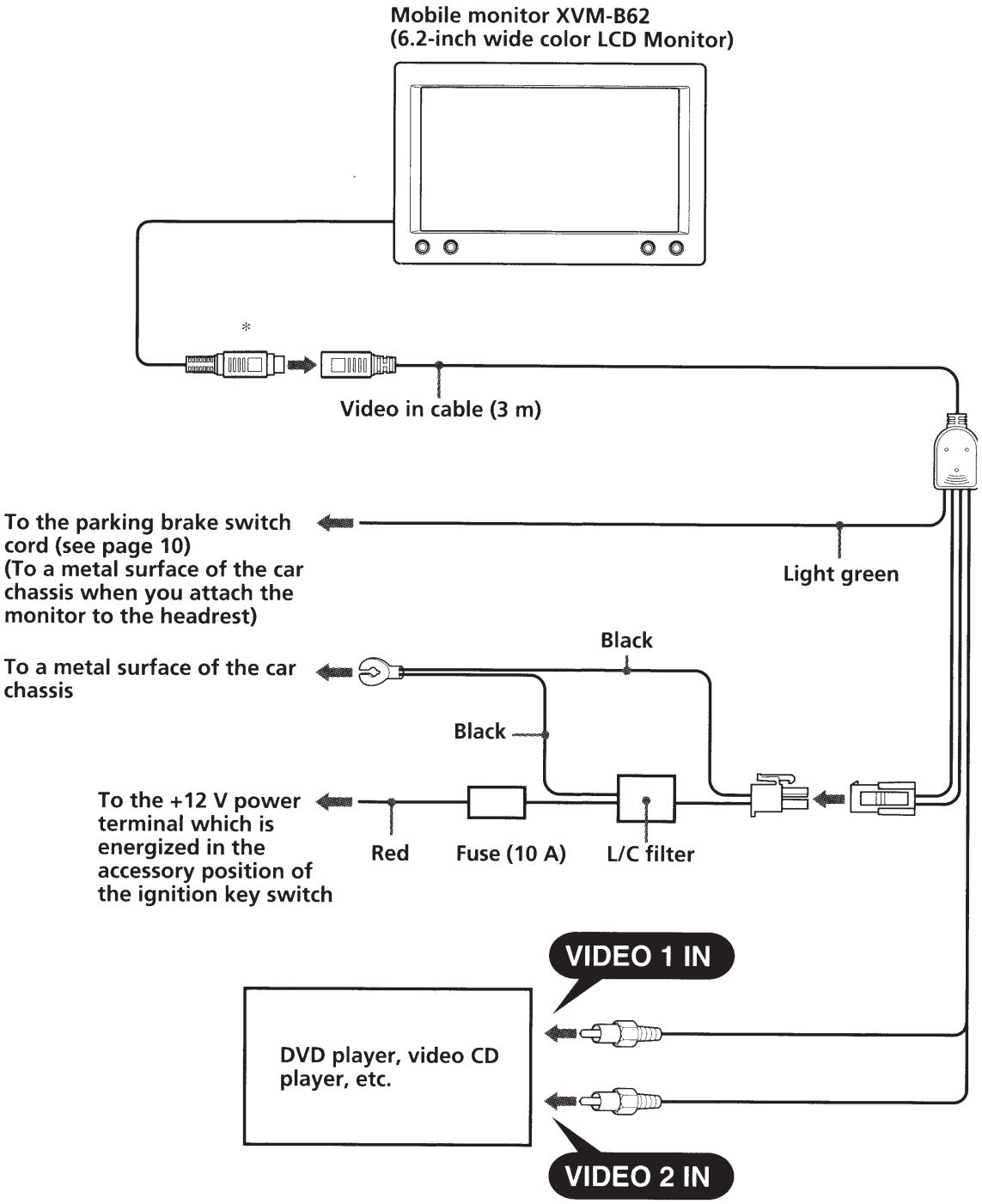
Be sure to securely fasten all equipment to the car chassis, etc., to prevent them moving while your car is in motion.

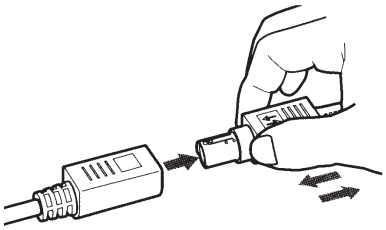
Notes

- *All equipment other than one Mobile Monitor is optional.*
- *To attach the monitor using the supplied collar, consult the store you purchased this unit or your nearest Sony dealer.*

Connection diagram

Refer to the connection diagram for the proper connections.


Mobile monitor XVM-B62
(6.2-inch wide color LCD Monitor)
*
Video in cable (3 m)
To the parking brake switch cord (see page 10)
(To a metal surface of the car chassis when you attach the monitor to the headrest)
Light green
Black
To a metal surface of the car chassis
Black
To the +12 V power terminal which is energized in the accessory position of the ignition key switch
Red
Fuse (10 A)
L/C filter
VIDEO 1 IN
DVD player, video CD player, etc.
VIDEO 2 IN

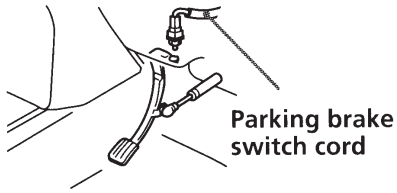


* When disconnecting the cable, be sure to hold the connector as illustrated. Pulling the cord forcibly may damaged the plug mechanism placed within the connector of the connecting cord of the unit.

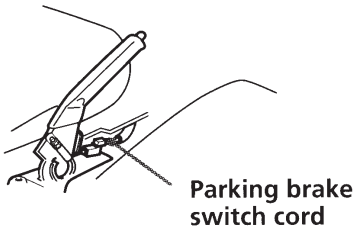
When installing the monitor on the dashboard

Be sure to connect the parking cord (Light green) to the parking brake switch cord. The mounting position of the parking brake switch cord depends on your car. Consult your car dealer or your nearest Sony dealer for further details.

Foot brake type

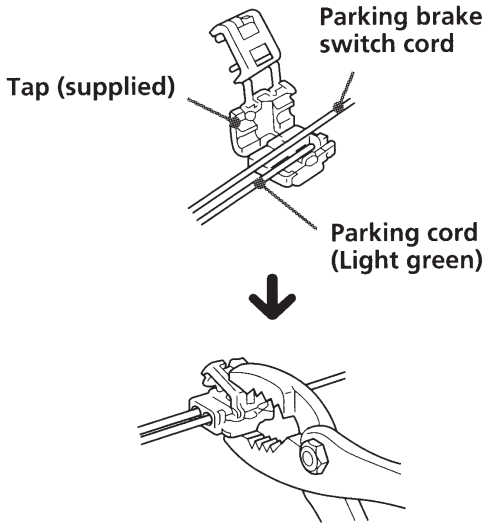


Hand brake type



Using the tap

Attach the supplied tap to the end of the parking cord (Light green) and the parking brake switch cord.



Note

If the parking brake switch cord is too thin, connect the parking cord (Light green) to the parking brake switch cord directly without using the tap.

Additional Information

Attaching and detaching the monitor

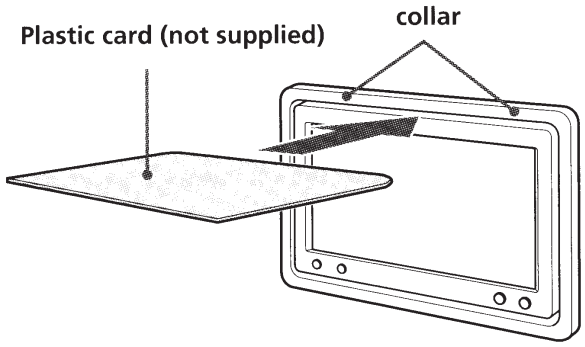
Detaching the monitor from the collar

Note

Be careful not to pull out the cable too much when detaching the monitor from the collar.

Insert a plastic card (not supplied) between the collar and the top of the monitor.

The catches are released, and you can detach the monitor from the collar.



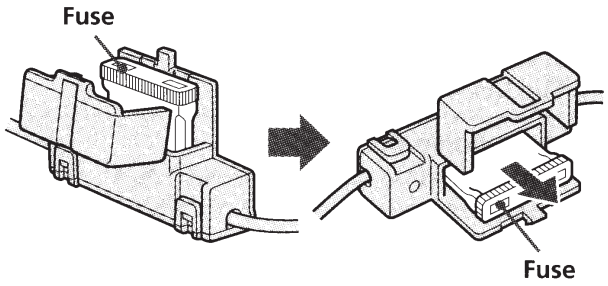
Attaching the monitor to the collar

Set the monitor to the collar securely until you hear click sound.

Maintenance

Fuse replacement

When replacing the fuse, be sure to use one matching the amperage rating stated on the original fuse. If the fuse blows, check the power connection and replace the fuse. If the fuse blows again after replacement, there may be an internal malfunction. In such a case, consult your nearest Sony dealer.



Warning

Never use a fuse with an amperage rating exceeding the one supplied with the unit as this could damage the unit.

About the liquid crystal display (LCD) panel

Do not press on the LCD panel on the unit as doing so can distort the picture or cause a malfunction. The picture may become unclear, or the LCD panel may be damaged.

Notes on cleaning

— Clean the LCD panel with a slightly damp soft cloth.
— Do not use solvents such as benzine, thinner, commercially available cleaners or antistatic spray.

• Do not use the unit in temperatures under 0 °C (32 °F) or over 45 °C (113 °F).
• If your car was parked in a cold or hot place, the picture may not be clear. The monitor is not damaged. The picture will become clear after the temperature in your car becomes normal.

Some stationary green, blue or red dots may appear on the monitor.
These are called bright spots, and can happen with any LCD.
The LCD panel is highly sophisticated, and more than 99.99 % of the segments used in the panel are flawless. However, there is a possibility that less than 0.01 % of the segments are defective and may not light up properly.

Specifications

Monitor

System	Liquid crystal color display
Drive system	TFT-LCD active matrix system
Picture size	6.2 inches wide screen (16:9) 137.5 × 77.2 mm ($5\ ^1/_2 \times 3\ ^1/_8$ in) (w × h)
Picture segment	336,960 (w 1440 × h 234) dots
Power requirements	12 V DC car battery (negative ground)
Current drain	Approx. 550 mA
Dimensions	164.2 × 106.6 × 29 mm ($6\ ^1/_2 \times 4\ ^1/_4 \times 1\ ^1/_{16}$ in) (w/h/d)
Operating temperature	0 °C – 45 °C (32 °F – 113 °F)
Mass	Approx. 450 g (1 lb)

Supplied accessories

Collar (1)
Power supply cord (1)
Video in cable (3 m) (1)
Tap (1)
Operating Instructions (1)

Optional accessories

Sony Video CD Players
Sony Multi Disc Player MEX-R1

Design and specifications are subject to change without notice.

Troubleshooting

The following checklist will help you solve problems you may encounter with your unit.
Before going through the checklist below, check the connection and operating procedures.

General

No picture
- The power cord or battery has been disconnected.
- The fuse has blown.

Picture noise occurs.
When a wireless equipment such as a transceiver is used near the monitor, a noise may occur. Keep it away from the monitor.

No picture when you connect the optional equipment.
The cord has been disconnected. Connect the cord securely.

http://www.sony.net/

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Warning

Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance (www.eiae.org).

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3-216-416-**11** (1)

SONY®

Car Audio

LIMITED WARRANTY (U.S. Only)

Sony Electronics Inc. ("Sony") warrants this product against defects in material or workmanship for the time periods and as set forth below when purchased directly from Sony or a Sony Retailer. Pursuant to this Limited Warranty, Sony will, at its option, (i) repair the product using new or refurbished parts or (ii) replace the product with a new or refurbished product. For purposes of this Limited Warranty, "refurbished" means a product or part that has been returned to its original specifications. **In the event of a defect, these are your exclusive remedies.**

Labor: For a period of one (1) year from the original date of purchase of the product ("Labor Warranty"), Sony will, at its option, repair or replace with new or refurbished product, product determined to be defective. If Sony elects to replace the product after this Labor Warranty has expired but while the Parts Warranty below is still in effect, it will do so for the applicable labor charge.

Parts: For a period of one (1) year from the original date of purchase of product ("Parts Warranty"), Sony will supply new or refurbished replacement parts in exchange for parts determined to be defective.

This Limited Warranty covers only the hardware components packaged with the Product. It does not cover technical assistance for hardware or software usage and it does not cover any software products whether or not contained in the Product; any such software is provided "AS IS" unless expressly provided for in any enclosed software Limited Warranty. Please refer to the End User License Agreements included with the Product for your rights and obligations with respect to the software.

Instructions: To obtain warranty service, you must deliver the product, freight prepaid, in either its original packaging or packaging affording an equal degree of protection to the Sony authorized service facility specified. **It is your responsibility to backup any data, software or other materials you may have stored or preserved on your unit. It is likely that such data, software, or other materials will be lost or reformatted during service and Sony will not be responsible for any such damage or loss.** A dated purchase receipt from Sony or a Sony Retailer is required. For specific instructions on how to obtain warranty service for your product,

Visit Sony's Web Site:
www.sony.com/support

Or call the **Sony Customer Information Service Center**
1-800-222-SONY(7669)

For an accessory or part not available from your authorized dealer, call:

1-800-488-SONY (7669)

Repair / Replacement Warranty: This Limited Warranty shall apply to any repair, replacement part or replacement product for the remainder of the original Limited Warranty period or for ninety (90) days, whichever is longer. Any parts or product replaced under this Limited Warranty will become the property of Sony.

This Limited Warranty only covers product issues caused by defects in material or workmanship during ordinary consumer use; it does not cover product issues caused by any other reason, including but not limited to product issues due to commercial use, acts of God, misuse, limitations of technology, or modification of or to any part of the Sony product or product purchased from other than Sony or a Sony Retailer. To determine if a retailer is part of the Sony Retailer Network, please contact Sony's Customer Service Call Center or go to www.sony.com/support. This Limited Warranty does not cover Sony products sold AS IS or WITH ALL FAULTS or consumables (such as fuses or batteries). This Limited Warranty is invalid if the factory-applied serial number has been altered or removed from the product. This Limited Warranty is valid only in the United States.

LIMITATION ON DAMAGES: SONY SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT.

DURATION OF IMPLIED WARRANTIES: EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

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